

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-44 (Canceled)

45. (New) An electrokinetic delivery system for self-administration of a medicament to a treatment site, comprising:

an applicator having a self-contained power source, processing circuitry, a first electrode and a ground electrode in electrical contact with one another;

a touch-sensitive switch on the applicator whereby, upon application of the applicator to a treatment site with the medicament or a carrier therefor interposed between the applicator and the treatment site, and application of an individual's finger to activate the touch-sensitive switch and to maintain the applicator against the treatment site, completion of an electrical circuit through the first electrode, the medicament or a carrier thereof, the treatment site, the individual's body including the finger overlying the touch-sensitive switch and the ground electrode causes an electrical current to flow for electrokinetically driving the medicament into the treatment site.

46. (New) A system according to Claim 45 wherein said applicator contains the medicament.

47. (New) A system according to Claim 45 wherein said applicator contains the medicament and said carrier, said carrier comprising conductive hydration fluid.

48. (New) A system according to Claim 45 including an LED carried by said applicator for indicating activation of the applicator.

49. (New) A system according to Claim 45 including a vibrator responsive to activation of the applicator to indicate application thereof.

50. (New) A system according to Claim 45 wherein said applicator includes an adhesive thereon to releasably secure the applicator adjacent the treatment site with the first electrode overlying the treatment site.

51. (New) A system according to Claim 45 wherein said applicator contains the medicament and a seal releasably attached to the applicator to seal the medicament.

52. (New) A system according to Claim 45 wherein the first electrode is located on one side of the applicator and a tacky substance is located on the opposite side of the applicator to facilitate manipulation and application of the applicator to the treatment site.

53. (New) A system according to Claim 45 wherein the first electrode is located on one side of the applicator and an electrically conductive material is located on the opposite side of the applicator to enable electrical interconnection between the individual's finger and the ground electrode.

54. (New) A system according to Claim 53 wherein said electrically conductive material is a tacky substance to facilitate manipulation and application of the applicator to the treatment site.

55. (New) A system according to Claim 45 wherein said first electrode, said processing circuitry and said ground electrode are stacked in registration with one another between opposite sides of said applicator.

56. (New) A system according to Claim 55 including a medicament on one side of the applicator and a tacky substance located on an opposite side of said applicator with said medicament and said tacky substance being stacked in registration with said electrodes and said processing circuitry between said opposite sides.

57. (New) A system according to Claim 55 including a medicament on one side of the applicator and an electrically conductive material located on the opposite side of said applicator, said medicament and said electrically conductive material being stacked in registration with said electrodes and said processing circuitry between said opposite sides of said applicator.

58. (New) A system according to Claim 57 wherein said electrically conductive material is a tacky substance to facilitate manipulation and application of the applicator to the treatment site.

59. (New) A system according to Claim 45 wherein said processing circuitry includes at least one of a microprocessor, a microcontroller, an ASIC, or a programmable logic array, and a medicament on one side of the applicator and an electrically conductive material located on the opposite side of said applicator, said medicament and said electrically conductive material being stacked in registration with said electrodes and said processing circuitry between said opposite sides of said applicator.

60. (New) A method of treatment by electrokinetic self-administration of a medicament into a treatment site for an individual, comprising the steps of:

- (a) providing an applicator having a self-contained power supply, a first electrode on one side of the applicator and a ground electrode spaced from the first electrode, said first electrode, ground electrode and power supply being electrically coupled to one another;
- (b) applying the applicator to the treatment site;
- (c) placing a finger for electrical contact with the ground electrode on a side of the applicator remote from the one side thereof to complete an electric circuit through the individual's finger, the treatment site, medicament interposed between the first electrode and the treatment site, the first electrode and the ground electrode thereby to electrokinetically drive the medicament into the treatment site.

61. (New) A method according to Claim 60 including providing a pad on the applicator on said one side thereof containing the medicament.

62. (New) A method according to Claim 60 including providing a pad on the applicator on said one side thereof containing the medicament and a hydrating fluid.

63. (New) A method according to Claim 60 including enabling the applicator for one-time use only.

64. (New) A method according to Claim 60 including electrically enabling the electrical circuit by providing and pressing a touch-sensitive switch on the applicator.

65. (New) A method according to Claim 60 wherein step (a) includes stacking a medicament, said first electrode, said self-contained power supply, said ground

electrode and at least one of a tacky substance or an electrically conductive material in registration one over the other between opposite sides of the applicator.

66. (New) A method of treatment by electrokinetic self-administration of a medicament into a treatment site for an individual comprising the steps of:

- (a) providing an applicator having a self-contained power supply, a first electrode on one side of the applicator and a ground electrode on said one side of the applicator spaced from the first electrode, said first electrode, said ground electrode and said power supply being electrically coupled to one another;
- (b) applying the applicator to the treatment site with the first electrode overlying the treatment site and the second electrode spaced from the treatment site in electrical contact with the individual's body; and
- (c) completing an electrical circuit through the individual's body, medicament or a carrier therefor interposed between the first electrode and the treatment site, the first electrode and the ground electrode, thereby to electrokinetically drive the medicament into the treatment site.

67. (New) A method according to Claim 66 including releasably adhesively securing the applicator to the individual's body at a location adjacent the treatment site.

68. (New) A method according to Claim 66 including providing a pad on the applicator on said one side thereof containing the medicament and providing an electrical path from the first electrode through the medicament carried by the applicator to the treatment site.

69. (New) A method according to Claim 68 including providing hydration fluid carried by said pad between the first electrode and the treatment site, enabling the hydration fluid to carry the medicament into the treatment site upon activation of the electrical circuit.

70. (New) A method according to Claim 66 wherein step (a) includes stacking a medicament, said first electrode, said self-contained power supply, said ground electrode and at least one of a tacky substance or an electrically conductive material between opposite sides of the applicator in registration one with the other.